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ABSTRACT OF THE DISCLOSURE

An isolated clone comprising sequences transcribed from the TREPA gene. Also provided are human polypeptides translated from said TREPA sequences and a procedure for 5 producing such polypeptide by recombinant techniques. Also provided are a procedure for producing soluble biologically active TREPA, which may be used to treat deficiencies of TREPA and diseases conditions ameliorated by TREPA. Antibodies, antagonists and inhibitors of such polypeptide 10 which may be used to prevent the action of such polypeptide and therefore may be used therapeutically to treat TREPA-associated diseases, tumors or metastastases are disclosed. Also disclosed is the use of said antibodies, agonists and 15 inhibitors as well as the nucleic acid sequences to screen for, diagnose, prognosticate, stage and monitor conditions and diseases attributable to TREPA, especially inflammation. The use of said partial sequence to provide antibodies, agonists and inhibitors as well as partial nucleic acid 20 sequences to screen for, diagnose, stage and monitor diseases associated with TREPA, including but not limited to inflammation. Illustrative sequences and clone designations for TREPA are provided.

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